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BUREAU OF LAND MANAGEMENT

MANAGEMENT FRAMEWORK PLAN
STEP 1 – ACTIVITY RECOMMENDATION

Planning Unit Name: Mt. Dome

Program Activity: Lands

Activity Recommendation Area *(code)*:

Activity Recommendation(s)	Rationale
1. Recommend that the BLM begin an in-depth analysis of existing land uses and potential development areas such as the new subdivisions to the south and west of the unit.	1. Recreational subdivisions are developing adjacent to the Unit and we do not know what impact these activities will have on BLM lands.

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MANAGEMENT FRAMEWORK PLAN
STEP 1 – ACTIVITY RECOMMENDATION

Planning Unit Name: Mt. Dome

Program Activity: Lands

Activity Recommendation Area *(code)*:

Activity Recommendation(s)	Rationale
2. Recommend that the BLM prepare a withdrawal review of the lands near Newell and Tulelake that are presently with-drawn by the Bureau of Reclamation but not included in the Lower Klamath and Tule Lake Wildlife Refuges. The withdrawal review will identify lands not being used for the Klamath Project and make the land available for a disposal program to promote the orderly development of the Tule Lake Basin.	2. The Bureau of Reclamation is not using some of the land withdrawn for the Klamath project in the vicinity of Newell and Tulelake. The BLM can regain these lands through withdrawal review and set up a plan to dispose of the land in a manner to promote the orderly development of the communities. If the BLM does not step forward with a withdrawal review GSA will dispose of the lands without the benefit of BLM planning expertise.

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MANAGEMENT FRAMEWORK PLAN
STEP 1 – ACTIVITY RECOMMENDATION

Planning Unit Name: Mt. Dome

Program Activity: Lands

Activity Recommendation Area *(code)*:

Activity Recommendation(s)	Rationale
3. We should annually contact each of the prime right-of-way users and the Siskiyou County Road Department in order to coordinate the roads and rights-of-way which are proposed to cross BLM lands.	3. Contacting these people can insure that the right-of-way users understand our position regarding the preservation of scenic values. This will also give us time to identify problems and work out amenable solutions to lessen the impact of utility and road construction on the landscape.

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STEP 1 – ACTIVITY RECOMMENDATION

Planning Unit Name: Mt. Dome

Program Activity: Minerals

Activity Recommendation Area *(code)*: Diatomite and Volcanic Cinders

Activity Recommendation(s)	Rationale
1. Within the constraints of the Environmental Policy Act of 1969, the exploration and/or extraction of diatomite and volcanic cinders is to be encouraged.	1. Diatomite and volcanic cinders have been the only mineral products in the unit. In the interest of broadening the economic base of the unit, we should encourage the development of these deposits. Diatomite sells for approximately $50 per ton and volcanic cinders for an average of $5 per ton f.o.b. mine or plant.

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STEP 1 – ACTIVITY RECOMMENDATION

Planning Unit Name: Mt. Dome

Program Activity: Minerals

Activity Recommendation Area *(code)*:

Activity Recommendation(s)	Rationale
2. Land classification should be carried on to complement rather than restrict mineral development.	2. In order to promote mineral development we should not classify land closing it to mineral entry and should not classify lands for disposal when there is a possibility that they may some day be valuable for mineral production.

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STEP 1 – ACTIVITY RECOMMENDATION

Planning Unit Name: Mt. Dome

Program Activity: Minerals

Activity Recommendation Area *(code)*: Pre-Volcanic and Intra Volcanic Mineral Deposits

Activity Recommendation(s)	Rationale
3. Retain public lands and manage them in such a manner as to allow mineral exploration and development.	3. There is a possibility that deposits of gold, silver and mercury genetically related to Jurassic intrusives or mid-Tertiary volcanics lie buried beneath late Tertiary volcanics. Buried mineral deposits can be detected by modern geophysical and geochemical techniques, and future methods are sure to be even more effective.

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Planning Unit Name: Mt. Dome

Program Activity: Minerals

Activity Recommendation Area *(code)*: Geothermal Steam

Activity Recommendation(s)	Rationale
4. The probability that Geothermal Steam occurs in the unit should be taken into account in all classification actions. Lands should remain open for exploration and development of geothermal steam.	4. The area has indications of being valuable for geothermal steam. It is an area of recent volcanism and there are numerous hot springs on the Modoc Plateau of which it is a part. At the Geysers, Sonoma County, geothermal steam is worth $21.90 per KW year of electricity produced. A 25,000 KW plant on public land would represent $55,000 - $81,000 per year in royalties to the United States.

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MANAGEMENT FRAMEWORK PLAN
STEP 1 – ACTIVITY RECOMMENDATION

Planning Unit Name: Mt. Dome

Program Activity: Livestock Forage

Activity Recommendation Area *(code)*: Artificial Potential

Activity Recommendation(s)	Rationale
1. Construct water facilities of adequate design and size to hold year-round water.	1. There are few perennial water sources on public lands in the Mt. Dome Unit. Additional water sources will be necessary in order to initiate effective Allotment Management Plans.

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MANAGEMENT FRAMEWORK PLAN
STEP 1 – ACTIVITY RECOMMENDATION

Planning Unit Name: Mt. Dome

Program Activity: Livestock Forage

Activity Recommendation Area *(code)*: Artificial Potential

Activity Recommendation(s)	Rationale
2. Initiate conversion programs on approximately 4,740 acres of sagebrush, rabbit-brush and juniper suitable for plowing, chaining, and spraying.	2. Sixteen spraying, plowing and chaining projects have been identified. These projects could double and triple the present carrying capacity for livestock on these areas.

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Planning Unit Name: Mt. Dome

Program Activity: Livestock Forage

Activity Recommendation Area *(code)*: Artificial Potential

Activity Recommendation(s)	Rationale
3. Construct boundary fences around those portions of the grazing management units which are not fenced at present.	3. These fences will provide additional control for the Bureau against trespass livestock and will be necessary in order to obtain workable management systems on the units.

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MANAGEMENT FRAMEWORK PLAN
STEP 1 – ACTIVITY RECOMMENDATION

Planning Unit Name: Mt. Dome

Program Activity: Livestock Forage

Activity Recommendation Area *(code)*: Natural Potential

Activity Recommendation(s)	Rationale
1. Divide the Mt. Dome Unit into six grazing management units: a) Mahogany Mountain b) Sheep Mountain c) Coyote Ridge d) Tablelands e) Mount Dome f) Bryant Mountain	1. In the past twenty years the area has been fenced into 29 small lease areas or allotments. Intensive grazing management on these small irregular shaped allotments is extremely difficult if not impossible. Further fencing to divide the individual areas into the necessary pastures would be self-defeating. Water distribution on the entire area is poor at best. The present number and location of fences only adds to the problem. In order to establish these grazing units, removal of some of the existing 100 miles of federal and private fence would be necessary. However, these units would be much more manageable with better water distribution and an increased potential for initiating workable grazing management systems.

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Program Activity: Livestock Forage

Activity Recommendation Area *(code)*: Natural Potential

Activity Recommendation(s)	Rationale
2. Initiate a Section 8 exchange program to block those federal lands from outside the grazing management units to the inside.	2. There are over 30 scattered and isolated tracts ranging in size from 40 to 640 acres in the Planning Unit. They are often fenced in with the private lands which surround them. This of course gives the Bureau less control over the uses which are made of them as well as limits public access. These lands could easily be exchanged for the private lands inside the grazing units. This would effectively block federal lands inside the Units and give the Bureau control over additional lands and water for grazing management purposes.

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Planning Unit Name: Mt. Dome

Program Activity: Livestock Forage

Activity Recommendation Area *(code)*: Natural Potential

Activity Recommendation(s)	Rationale
3. Initiate grazing management plans on the five grazing units which do not have such systems in operation.	3. At present just over 7,400 acres or approximately 17% of the Planning Unit is under a systematic grazing plan. The effectiveness of grazing systems such as rest and deferred rotation have been repeatedly demonstrated in the last few years. Increases in the quality and quantity of forage production as well as plant vigor, soil fertility and reductions in surface soil losses can be achieved through these systems. The small acreage in the grazing units combined with the number of lessees in the units will require group systems to be effective. Increases in litter production as well as increases in the basal area of key grass species has been accomplished with the Tablelands AMP. It is estimated that forage production on Bureau lands in the entire Planning Unit can be increased 30 to 40 percent.

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Planning Unit Name: Mt. Dome

Program Activity: Livestock Forage

Activity Recommendation Area *(code)*: Natural Potential

Activity Recommendation(s)	Rationale
4. Revise Tablelands AMP if and when Mt. Dome Bighorn Sheep replant is made.	4. The revision will have little effect on the system as the Mt. Dome area is for the most part not used by livestock. However, the sheep use and livestock use will be incompatible and the revision will be necessary.

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Program Activity: Livestock Forage

Activity Recommendation Area *(code)*: Natural Potential

Activity Recommendation(s)	Rationale
5. Adjust grazing lease expiration dates so that consolidated AMP recommendations can be incorporated into all leases at the earliest possible fixed date.	5. Some lessees will not voluntarily enter into AMP's. With lease expiration AMP stipulations could be made a part of lease renewal. Administration would be simplified with leases which expire on the same date.

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MANAGEMENT FRAMEWORK PLAN
STEP 1 – ACTIVITY RECOMMENDATION

Planning Unit Name: Mount Dome

Program Activity: Timber Production

Activity Recommendation Area *(code)*: Protection

Activity Recommendation(s)	Rationale
1. Make sales of juniper posts and firewood as the public demands.	1. There is a large inventory of mature juniper in the unit and post and firewood sales are the only way to utilize the resource and get any return from these stands. Based on historical data, the projected demand for these products falls far below full utilization of the resource.

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MANAGEMENT FRAMEWORK PLAN
STEP 1 – ACTIVITY RECOMMENDATION

Planning Unit Name: Mount Dome

Program Activity: Timber Production

Activity Recommendation Area *(code)*: Protection Area

Activity Recommendation(s)	Rationale
2. Start a research program investigating the timber trees found on Mt. Dome.	2. Mt. Dome supports a relic population of several commercially important tree species. This isolated population of trees may have developed some unique genetic variations which could prove valuable for improving the timber production of northern California.

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Planning Unit Name: Mount Dome

Program Activity: Timber Production

Activity Recommendation Area *(code)*: Protection Area

Activity Recommendation(s)	Rationale
3. Protect all tree cover on the unit from fire, disease, and land clearing	3. There is about 2,200,000 board feet of mature pine timber and a large, but undetermined volume of juniper on the unit. These trees presently have no significant value because the pine stands have no physical access and juniper is not utilized in the area. However, in view of the predicted timber shortage, the trees on the unit should be protected in order that they may be available in the event of future economic or technological changes which will make them valuable for lumber, fiber or other products.

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MANAGEMENT FRAMEWORK PLAN
STEP 1 – ACTIVITY RECOMMENDATION

Planning Unit Name: Mt. Dome

Program Activity: Watershed

Activity Recommendation Area *(code)*: Vegetation Manipulation Areas

Activity Recommendation(s)	Rationale
1. Initiate conversion programs on approximately 5,000 acres of juniper, sagebrush and rabbitbrush as identified in Step 4 of the URA.	1. Treatments such as chaining juniper, plowing and spraying sage and rabbitbrush can increase vegetative densities 25 - 30 percent over what they are at present. This, of course, reduces rainfall impact, overland flow thus reducing soil loss and maintaining the productivity of the sites. The most immediate concern are those areas in higher erosion classes.

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MANAGEMENT FRAMEWORK PLAN
STEP 1 – ACTIVITY RECOMMENDATION

Planning Unit Name: Mt. Dome

Program Activity: Watershed

Activity Recommendation Area *(code)*: Vegetation Manipulation Areas

Activity Recommendation(s)	Rationale
2. Initiate program to convert approximately 2,000 acres of juniper in the Coyote Ridge Area.	2. This area is the most seriously eroded portion of the Mt. Dome Unit. It is a juniper type with little grass or browse understory. Surface runoff and soil loss occurs with each storm. The large amounts of surface rock preclude mechanical conversions such as chaining or dozing. Hand or chemical control on an individual tree basis will be necessary. With the conversions the area has the potential to increase surface vegetative densities up to 50 percent.

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Planning Unit Name: Mt. Dome

Program Activity: Watershed

Activity Recommendation Area *(code)*: Restricted Areas

Activity Recommendation(s)	Rationale
1. Curtail claim assessment work and resultant damage on diatomaceous earth deposits.	1. Exploratory and annual assessment work on diatomaceous earth formations have resulted in several obvious scars and vertical dozer trails on Big and Little Tablelands. These not only cause a local eyesore but have denuded local areas causing an increase in soil displacement with sediment deposits on neighboring private land and in Willow Creek. These sites are particularly critical because vegetation is slow to re-establish on them. Annual assessment work could be accomplished with geological mapping, etc.

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Planning Unit Name: Mt. Dome

Program Activity: Watershed

Activity Recommendation Area *(code)*: Restricted Areas

Activity Recommendation(s)	Rationale
2. Restrict further access roads and/or power and gas rights-of-way unless precautions against soil loss are taken.	2. The damage caused by such roads and rights-of-way are obvious. For example, the powerline and access road across Big Tablelands has resulted in an increase in soil movement to the point that travel on the lower road is restricted during wet weather periods. No attempt has ever been made to construct water barriers or to revegetate this road. This has resulted in an eroded unproductive vertical trail.

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Planning Unit Name: Mt. Dome

Program Activity: Watershed

Activity Recommendation Area *(code)*: Water Control Areas

Activity Recommendation(s)	Rationale
1. Initiate construction of check dams identified in Step 4 of the URA.	1. The Mt. Dome area has been subject to sheet and rill erosion rather than large deep gullies because of the amount of rock present. However, the drainages identified are cutting and checks would reduce run-off velocity thus allowing for channel stabilization.

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Planning Unit Name: Mt. Dome

Program Activity: Watershed

Activity Recommendation Area *(code)*: Water Control Areas

Activity Recommendation(s)	Rationale
2. Construct four small earth fill detention structures in the Tableland - Mt. Dome areas.	2. These sites are located near diatomaceous earth deposits many of which have been disturbed by exploratory and assessment mining activities. The detention structures will allow for sediment collection from these deposits precluding them from reaching private lands and/or Willow Creek.

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Program Activity: Watershed

Activity Recommendation Area *(code)*: Water Control Areas

Activity Recommendation(s)	Rationale
3. Construct water-bars on areas which have been disturbed by assessment work and revegetate where possible.	3. These areas contribute considerable sediment to Cottonwood Creek and adjoining fields. Water-barring and reseeding the site will aid in reducing sediment loss and restoring the productivity of the area which if not treated could take many years.

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Planning Unit Name: Mt. Dome

Program Activity: Watershed

Activity Recommendation Area *(code)*: Use Management

Activity Recommendation(s)	Rationale
1. Initiate rest rotation grazing systems on those areas where Allotment Management Plans are not now in effect.	1. Rest Rotation grazing has demonstrated that it can result in increased forage densities, thus reducing overland flow and increasing infiltration rates and field moisture capacities. The area of immediate concern is the Coyote Ridge area where approximately 2,000 acres are in the critical erosion class.

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Planning Unit Name: Mt. Dome

Program Activity: Recreation

Activity Recommendation Area *(code)*: All

Activity Recommendation(s)	Rationale
1. Plan, develop, and maintain the indicated potential hunter camps.	1. Hunting is one of the most popular recreational activities in the Mt. Dome area. The Lower Klamath and Tule Lake National Wildlife Refuges attract thousands of waterfowl and pheasant hunters every Fall. Deer and antelope hunting bring additional hunters into the area. The BLM has no camping facilities to serve the influx of hunters. Primitive camps at the wildlife refuges and motel-hotel facilities at Dorris overflow on weekends during the early part of the hunting season. About 3500 hunter days use is experienced on BLM lands without overnight facilities. The demand and BLM resources warrant development of the camps on a planned basis. Improved access into BLM lands and improved deer herd management will bring increased numbers of people, magnifying the need for overnight facilities.

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Planning Unit Name: Mt. Dome

Program Activity: Recreation

Activity Recommendation Area *(code)*: All

Activity Recommendation(s)	Rationale
2. Develop the proposed overlook on Big Tablelands concurrently with access road development.	2. The proposed overlook site is about 500 feet in elevation above the valley floor and offers sweeping views of the Lower Klamath Wildlife Refuge and on to distant mountains. Improved access over the Big Tablelands will increase public use and an overlook will afford outstanding sight-seeing and photographic opportunities.

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Planning Unit Name: Mt. Dome

Program Activity: Recreation

Activity Recommendation Area *(code)*: All

Activity Recommendation(s)	Rationale
3. Retain the lands north of Dorris in Federal ownership for open space and scenic values.	3. The lands north of Dorris lie on a steep, northwest-southeast trending ridge. Views from Dorris and heavily traveled Highway 97 (in the Scenic Highway master plan) allow close inspection of this ridge and surface activities could destroy much of the scenic values. Continuing the present public ownership pattern along this ridge can help prevent damage to aesthetic values by discouraging large destructive activities. 43 CFR 1725.3-3(J) states one reason for retaining lands in public ownership could be preservation of public values including scenic and open space values.

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Planning Unit Name: Mt. Dome

Program Activity: Recreation

Activity Recommendation Area *(code)*: All

Activity Recommendation(s)	Rationale
4. Acquire the private lands in the Red Rock Lakes area for public use and management.	4. The present land ownership pattern allows dual control of the Red Rock Lakes thus complicating management of the area. The present boundary tends to encourage trespass onto private lands by recreationists. A greater recreation attraction and development would ensue with BLM control and protection of this resource.

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Program Activity: Recreation

Activity Recommendation Area *(code)*: All

Activity Recommendation(s)	Rationale
5. Allow refuse dumps on BLM lands only if adequate screening and pollution controls are enforced, including air, water, and noise pollution.	5. Any activities allowed in the near view zone are open to close scrutiny by the viewer. Refuse dumps are particularly obnoxious if allowed adjacent to heavily traveled routes or occupancy areas without adequate screening and pollution controls. Environmental quality is receiving greater emphasis and federal agencies are expected to take the lead in preserving a quality environment. The Highway Beautification Act (PL 89-285) requires junkyards on public lands to meet standards set out therein. Highways 97, 139 and 161 (State Line Road) are included in the State Master Plan for scenic highways. Preservation of the views from these roads is imperative. Since long distance views are common, adequate screening is necessary. Accomplishes major purposes in Manual 1603.12C1.

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Program Activity: Recreation

Activity Recommendation Area *(code)*: All

Activity Recommendation(s)	Rationale
6. Include landscape planning in any vegetal manipulation project visible from communities or existing and proposed permanent road systems.	6. Many vegetal manipulation projects could be accomplished without harming scenic beauty, by applying landscaping techniques. Most areas are visible from the existing and proposed road system. Highways 97, 139 and 161 are in the State Master Plan for scenic roads and views from them are especially critical. Applying landscaping techniques to such projects will insure a natural appearance while allowing a change in the vegetal composition. Accomplishes major purpose in Manual 1603.12C1.

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Program Activity: Recreation

Activity Recommendation Area *(code)*: All

Activity Recommendation(s)	Rationale
7. Sign large, successful projects such as Red Rock Lakes Juniper Clearing for public information when easily discernible from the natural landscape or of special interest to viewers.	7. Projects accomplished by the BLM, such as the Red Rocks Lakes Juniper Clearing, can add to the recreation enjoyment of the visitor if the information is made available to him. The visitor would not have to speculate about what happened and who did it. This meets with major purposes as set out in 1603.12C1.

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Planning Unit Name: Mt. Dome

Program Activity: Recreation

Activity Recommendation Area *(code)*: All

Activity Recommendation(s)	Rationale
8. Do not sign archeological sites until adequate protection is assured. Continue inventory of these sites.	8. The Mt. Dome Planning Unit is rich in archeological sites, many of which are unknown to collectors. Signing of these are areas before protection can be assured invites uncontrolled collection of artifacts which reduces or eliminates the archeological values of the sites. Completion of this inventory is a long-term priority(1603 C4F).

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Planning Unit Name: Mt. Dome

Program Activity: Recreation

Activity Recommendation Area *(code)*: All

Activity Recommendation(s)	Rationale
9. Develop a snowmobiling route on the BLM road over Mahogany Mountain.	9. An additional recreation pursuit can be opened to the public with adequate controls to prevent resource damages if a snowmobiling route is planned and designed in the Mahogany Mt. Area. Snow depths and road design will help dictate time of use and exact route of travel. (1603.12 C 2 F)

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Program Activity: Recreation

Activity Recommendation Area *(code)*: All

Activity Recommendation(s)	Rationale
10. Allow no advertising signs on BLM lands other than those permitted within 50' of the business being advertised.	10. Highway beautification is a national goal. Prevention of signboard jungles, especially along scenic highways, allows the travelling public to view the countryside as he travels through. New regulations are very restrictive in respect to signing on BLM lands. (2921.0-6, CFR)

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Program Activity: Recreation

Activity Recommendation Area *(code)*: All

Activity Recommendation(s)	Rationale
11. Contact the people holding mining claims in the Tablelands area to attempt a reduction in damage caused by annual assessment work.	11. Annual assessment work on mining claims in the Tablelands area is causing an increasing number of scars on the landscape. The light colored diatomaceous earth deposits are easily damaged and difficult to revegetate. The scars are visible from long distances. Geologic work can be used to satisfy assessment requirements for a period of time. Exploring the deposits and doing assessment work without causing surface damage should be a course of action to be encouraged.

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Program Activity: Recreation

Activity Recommendation Area *(code)*: All

Activity Recommendation(s)	Rationale
12. Do no spring development projects until an archeological inspection of the site is made by a competent archeologist and assurance is given that the project will not damage or destroy archeological or cultural values.	12. Indian camps were located around water sources (often springs). Artifacts left by the natives tell of Indian development and history not found elsewhere. Records of Indian habitation would easily be lost through indiscriminate spring development work. The Antiquities Act of 1906 and long term priorities require preservation and protection of these values.

TRANSITIONAL STATEMENT FOR URA INFORMATION
NOT INCLUDED IN THE MFP

WILDLIFE - MT. DOME

The numerous wildlife enhancement and management considerations of Step 4, Unit Resource Analysis did not and could not incorporate the numérous economical, sociological, and political limitations considered in the Management Framework Planning process.

Primary consideration was given to the most significant wildlife values of Step 4, URA and incorporated in Step 1, MFP as recommendations. In that the MFP process is a dynamic process, it can accommodate review of the deleted Step 4, URA values at any time, and can then be altered to include those factors and demands reflective of a dynamic ecology and public.

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MANAGEMENT FRAMEWORK PLAN
STEP 1 – ACTIVITY RECOMMENDATION

Planning Unit Name: Mt. Dome

Program Activity: Wildlife

Activity Recommendation Area *(code)*: W½ Mt. Dome

Activity Recommendation(s)	Rationale
1. Preclude all development of roads, trails, fences, water, "conversions" and similar activities on T 46 N, R 2 E, Sections 9, 10, 11, S½ 13, 14, 23, 24, 25, and 26 (the 3,100-acre Mt. Dome-Little Tableland geographic feature) to preserve this unique area for the bighorn sheep reintroduction. Refer to Item 1 on MFP overlay.	1. The interagency team of biologists has determined that reintroduction of bighorn sheep to the Lava Beds National Monument and adjacent areas can soon become a reality. The described Mt. Dome area was occupied by native bighorn sheep, and reintroduced sheep are expected to again occupy this area. The most direct manner to jeopardize this reintroduction of bighorn sheep to the Mt. Dome area is to develop it with roads, fences, water, etc. for human use, livestock, or other wildlife. Only if each proposed activity, project, or job is part of an integrated plan(s) which considers the bighorn sheep reintroduction as the primary factor could any development beyond that for bighorn sheep be considered acceptable.

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Activity Recommendation(s)	Rationale
2. Establish definite communication with the Modoc National Forest Supervisor to discuss and determine Modoc National Forest and BLM plans and activities for the Mt. Dome proper area as described in Recommendation No. 1 and the adjacent east slope administered by the Modoc N. F. This communication should be accomplished on an annual basis at the annual Fall interagency meeting as agreed to in the Memorandum of Agreement Relating to the Re-Establishment and Management of Bighorn Sheep, etc. The purpose is to correlate all activities between the National Forest and BLM which may enhance or jeopardize the bighorn sheep reintroduction for the Mt. Dome Area.	This interagency communication is essential to preclude misunderstanding of programs; reduce waste of finances, time, and personnel; and to enhance the success of the bighorn sheep reintroduction to the Mt. Dome area.

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Activity Recommendation(s)	Rationale
3. Reintroduction of bighorn to the Lava Beds and Mt. Dome areas can be expected to result in a range extension which will encompass the Sheep Mt. - Mahogany Mt. - Coyote Ridge area, and the Tablelands. All proposed activity planning for this area must recognize the aversion of bighorn sheep to humans and their activities. Refer to Recommendation No. 3 on overlay.	3. Bighorn sheep are native to the Sheep Mountain-Mahogany Mountain-Coyote Ridge land mass, and the Tablelands, and can be expected to re-establish there from releases in the Lava Beds N. M. and Mt. Dome area. Success of re-establishment will depend largely on the lack of human activities in the area. Isolation is vital to bighorn establishment success. There are large segments of this area which presently provide the vital isolation specifically required during lambing as well as during the entire year.

Hoffer 6/72

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Planning Unit Name: Mt. Dome

Program Activity: Wildlife

Activity Recommendation Area *(code)*: All

Activity Recommendation(s)	Rationale
4. Initiate deer winter range improvement projects on 32,700 acres of the Mt. Dome Unit as described in Step #4, URA, and the Mt. Dome Wildlife Habitat Management Plan only if preceded by professionally defined and accepted deer management, which must include both sexes-any age class harvest. Refer to Recommendation No. 4 on the erlay.	4. The present estimated carrying capacity is 60 deer days use per acre of sufficient range for about 11,900 deer for 160 days (November 1 through March 15). If existing techniques and technology were applied to the 32,700 selected acres of key winter range, carrying capacity could be increased from 60 DDU/A to about 110 DDU/A and to 3,487,000 DDU or browse sufficient to sustain about 21,600 deer for 160 days. Only research level deer range improvement projects should be initiated until the State of California effects adequate deer management, which must include both sexes-any age class harvest. Only in this manner can the overpopulation of deer be reduced to fewer than that population which the range can sustain, and which will permit range improvements.

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Program Activity: Wildlife

Activity Recommendation Area *(code)*: All

Activity Recommendation(s)	Rationale
5. Consolidate by exchange those lands essential to wetlands, deer winter range, antelope range development and management, and general administration of the area. Priority sequence for exchange are lands related to: Red Rock Lakes, Tablelands, Coyote Ridge, Sheep Mountain, and Bryant Mountain. Refer to Recommendation No. 5, the Mount Dome Wildlife Habitat Management Plan, C3-WHA-TI.	5. The intrusion of private land into the area creates extensive resource management problems which preclude development and public use of some wildlife resources (e. g., wetlands, key winter ranges for big game) and complicate regional resources management.

Hoffman 6/70

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Planning Unit Name: Mt. Dome

Program Activity: Wildlife

Activity Recommendation Area *(code)*: $W\frac{1}{2}$

Activity Recommendation(s)	Rationale
6. Secure by exchange those private lands owned by the Porterfield Ranch, Inc. adjacent to Upper and Middle Red Rock Lakes, Sections 13, 14: T. 46 N., R. 1 E., M.D.M. to permit maximum wetlands development, management and use. Refer to Recommendation No. 6 on overlay.	6. About 80 acres of the 95-acre Middle Red Rock Lake is privately owned and thereby precludes proper wetlands development by the Federal government. The 80-acre private land on the east edge of Upper Red Rock Lake also complicates maximum development. These two lakes plus Lower Red Rock Lake comprise the potentially most productive wetlands in the Mt. Dome area.

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Program Activity: Wildlife

Activity Recommendation Area *(code)*: W½

Activity Recommendation(s)	Rationale
7. Attempt to establish wild-trapped turkeys on the Mt. Dome area. This should be a cooperative program with the U. S. Forest Service (Modoc and Klamath N. F.), National Park Service, and the California Department of Fish and Game. Refer to Recommendation No. 7 on overlay.	7. Although an initial field review of the area by the above stated agencies in 1968 failed to produce the desired results, it does not change the fact that the area can sustain a huntable population of wild turkeys with minor habitat development. The need for better permanent water distribution is most important, and appears to be the limiting factor.

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Program Activity: Wildlife

Activity Recommendation Area *(code)*: All

Activity Recommendation(s)	Rationale
8. Permit no livestock oriented developments (e. g., "brush to grass conversions, water, fences, seedings, herbicide use) on those parts of the Area without an accepted AMP.	8. The primary problems of the Unit are livestock oriented, and most major problems affecting wildlife management and livestock use are a result of no planning and management or plans and projects based on livestock needs only. Problem examples are: 100 plus miles of fence which precludes proper use and administration of the Unit; numerous water developments without regard for wildlife distribution and needs; approximately 1,000 acres of herbicide and mechanical destruction of wild-life habitat and introduction of exotic grasses for livestock use.

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Program Activity: Wildlife

Activity Recommendation Area *(code)*: All

Activity Recommendation(s)	Rationale
9. Eliminate all livestock use on the Unit during the period of July 15 through May 15 annually except those portions for which an accepted AMP exists.	9. The constant depletion of forage for big game and livestock over the past 60-80 years has resulted from little or no management of livestock and deer, and the persistent conversion of productive soils and wildland forage into farmed agricultural lands. Livestock use must be sharply curtailed on those areas without AMPs to permit the depredated natural plants to re-establish. In that the federal government cannot reduce existing deer herds to a manageable level, it must then attempt to stop the habitat degredation by technically correct livestock management and strive to improve the deplorable range condition through the application of existing wildlife range management techniques, equipment and materials.

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MANAGEMENT FRAMEWORK PLAN
STEP 1 – ACTIVITY RECOMMENDATION

Planning Unit Name: Mt. Dome

Program Activity: Wildlife

Activity Recommendation Area *(code)*: $E\frac{1}{2}$

Activity Recommendation(s)	Rationale
10. Develop a cooperative wildlife habitat development and management plan for the Bryant Mountain area with the Lakeview, Oregon BLM District, Oregon Game Commission, and the California Department of Fish and Game with primary emphasis on deer winter range.	10. The Bryant Mt. deer herd is considered a separate entity apart from the Devils Garden herd, and resultantly its winter range needs are confined to the Bryant Mt. area (Calif: T. 48 N., R. 6 E., and T. 47 N., R. 6 E.; and Oregon: T. 40 and T. 41 S., R. 13 E.). The four agencies can develop a feasible plan to vastly improve the BLM administered federal lands in California and Oregon on which this herd is entirely dependent for winter range. Land exchange with private owners (e. g., S. Johnson Ranch) to consolidate key areas should be a primary effort in Oregon and California. A field review by all cooperators followed by data collection, analysis, and plan development should be initiated early in 1971 by the Redding District.

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Program Activity: Wildlife

Activity Recommendation Area *(code)*: Mt. Dome - $W\frac{1}{2}$

Activity Recommendation(s)	Rationale
11. Preclude public use of the Big and Little Tablelands from December 1 through June 1 annually to prevent human disturbance of antelope, sage grouse and waterfowl during the critical kidding and nesting seasons. Closure should be definite by employment of locked swing gates and informative signing at the north and south roads of the Big Tableland and the north road of the Little Tableland.	11. The Tablelands are the only known antelope kidding area on BLM administered lands in the Mt. Dome area, as well as supporting a sage grouse population and three developed wetlands used by nesting Canada geese and other waterfowl. Normal weather and road limitations during the winter preclude public use of the area, except for limited snow vehicle use. Complete area closure is imperative during February 1 through June 1 annually to permit the greatest use of the most land area for wildlife reproduction.